



IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	
Takasu TAKAKO et al.)	Examiner: Not Assigned
Serial No. 10/798,410)	Group Art Unit: 2671
Filed: March 12, 2004)	
For: CONJUGATED MOLECULE AND)	
ELECTROLUMINESCENT DEVICE THEREOF ...)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
220 20th Street S.
Customer Window, Mail Stop _____
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

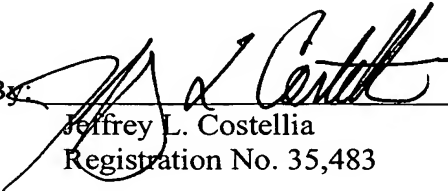
In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

Applicants wish to note that the publications of Peptitone et al. and Groenendaal et al. were previously cited in the International Search Report of Application No. PCT/JP2004/0031001, dated July 20, 2004, as well as in the Written Opinion for the same application. Copies of both publications, including the noted Search and Opinion, are enclosed.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initial a copy of this form be returned to the undersigned.

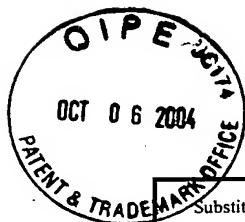
The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

By: 
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known			
				Application Number		10/798,410	
				Filing Date		March 12, 2004	
				First Named Inventor		Takako TAKASU et al.	
				Art Unit		2671	
Examiner Name							
Sheet	1	of	1	Attorney Docket Number		740756-2716	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-4,720,432	01/19/1988	VanSlyke et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Pepitone, M. et al. "Synthesis And Characterization Of Photoluminescent 3,4-Ethylenedioxythiophene Derivatives", Chem. Mater. 2003, Vol. 15, Pp. 557-563	
		Groenendaal, L. et al. "Poly(3,4-Ethylenedioxythiophene) And Its Derivatives: Past, Present, And Future" Advanced Materials, 2000, Vol. 12, No. 7, Pp. 481-494	
		International Search Report (Application No. PCT/JP2004/003101) Dated July 20, 2004 (In Japanese)	
		Written Opinion (Application No. PCT/JP2004/003101) Dated July 20, 2004 (Partial Translation)	
		Shirota Y. et al. "Multilayered Organic Electroluminescent Device Using a Novel Starburst Molecule, 4,4',4"-tris(3-methylphenylamino)triphenylamine, as a hole transport material" Appl. Phys. Lett. 65(7) Aug. 15, 1994, pp. 807-809	
		Van Slyke, S.A., et al. "Organic Electroluminescent Devices With Improved Stability", Appl. Phys. Lett. 69 (15) Oct. 7, 1996, pp. 2160-2162	
		Yang Y. et al. "Polyaniline as a Transparent Electrode for Polymer Light-Emitting Diodes: Lower Operating Voltage and Higher Efficiency" Appl. Phys. Lett. 64 (10), March 7, 1994, pp.1245-1247.	
		Carter, S.A. et al. "Polymeric Anodes for Improved Polymer Light-Emitting Diode Performance" Appl. Phys. Lett. 70 (16) Apr. 21, 1997, pp. 2067-2069.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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